

**SASTEC Portable Electrochemical Meters**

- Multiple range, Waterproof (IP57), with Data Storage of up to 1000 groups
- Display pH, mV, Conductivity, TDS, Salinity, Resistivity, DO and Temperature measurement value



USB Output & USB Power Supply



Sealed Connector for Waterproof



OP57 Waterproof



Foldable Stand



Comb. Electrode for Simultaneous Measurement



Portable Case

**Specification of SASTEC Portable Electrochemical Meters**

| Model                     |  | BASIC                    |                 | MULTIPLE                         |                            |                       |                 |
|---------------------------|--|--------------------------|-----------------|----------------------------------|----------------------------|-----------------------|-----------------|
|                           |  | ST-PH811                 | ST-PH813        | ST-PH816                         | ST-PH823                   | ST-PH825              | ST-PH836        |
| Range                     | pH   | -2.00 ~ 19.99            | -               | -                                | -2.00 ~ 19.99              |                       |                 |
|                           | mV   | ± 1999 mV                | -               | -                                | ± 1999 mV                  |                       |                 |
|                           | Conductivity   | -                        | (0-200) mS      | -                                | (0-200) mS                 | -                     | (0-200) mS      |
|                           | TDS  | -                        | (0-100) g/L     | -                                | (0-100) g/L                | -                     | (0-100) g/L     |
|                           | Salinity   | -                        | (0-100) ppt     | -                                | (0-100) ppt                | -                     | (0-100) ppt     |
|                           | Resistivity  | -                        | (0-100) MΩ      | -                                | (0-100) MΩ                 | -                     | (0-100) MΩ      |
|                           | DO   | -                        | -               | (0 ~ 20.00) mg/L<br>(0 ~ 200.0)% | (0.20.0) mg/L, (0.200.0) % |                       |                 |
| Temperature.              | (-10 ~ 110)°C  |                          |                 |                                  |                            |                       |                 |
| Accuracy                  | pH   | ± 0.01 pH                | -               | -                                | ± 0.01 pH                  |                       |                 |
|                           | mV   | ± 0.1% FS                | -               | -                                | ± 0.1% FS                  |                       |                 |
|                           | Conductivity   | -                        | ± 0.1% FS       | -                                | ± 0.1% FS                  | -                     | ± 0.1% FS       |
|                           | DO   | -                        | -               | ± 0.30 mg/L                      | -                          | ± 0.30 mg/L           |                 |
|                           | Temperature.   | ± 0.5°C                  |                 |                                  |                            |                       |                 |
| Calibration               | pH   | 1 ~ 3 Point              | -               | -                                | 1 ~ 3 Point                |                       |                 |
|                           | Conductivity   | -                        | 1 ~ 4Point      | -                                | 1 ~ 4 Point                | -                     | 1 ~ 4 Point     |
|                           | DO   | -                        | -               | Air Calibration                  | -                          | Air Calibration       |                 |
| Temp. Compensation        | pH   | Auto/ Manual (0 ~ 100)°C | -               | -                                | Auto/ Manual (0 ~ 100)°C   |                       |                 |
|                           | Conductivity   | -                        | Auto (0 ~ 45)°C | -                                | Auto (0 ~ 45)°C            | -                     | Auto (0 ~ 45)°C |
|                           | DO   | -                        | -               | Auto (0 ~ 45)°C                  | -                          | Auto (0 ~ 45)°C       |                 |
| Salinity Compensation     | DO   | -                        | -               | Auto (0 ~ 45)ppt                 | -                          | Auto (0 ~ 45)ppt      |                 |
| Air Pressure Compensation | DO   | -                        | -               | Manual (60 ~ 200) kPa            | -                          | Manual (60 ~ 200) kPa |                 |
| Data Storage              |  |                          | 500 Groups      |                                  | 1000 Groups                |                       |                 |
| Output                    | USB  |                          |                 |                                  |                            |                       |                 |
| Power                     | AA Batteries x 3pcs (1.5V x 3); DC5V (USB Interface) |                          |                 |                                  |                            |                       |                 |
| Dimension (Portable Case) | (360 x 270 x 76) mm                                  |                          |                 | (480 x 370 x 95) mm              |                            |                       |                 |